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Report

on the

LEEK RURAL

Sanitary District

for the

Year ending 31st December, 1945

by

H. KELSO WATSON
Medical Officer of Health

HILL BROS., LEEK

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REPORT

THE LEEK RURAL DISTRICT extends over an area of 63,960 acres, and is divided into 23 parishes. The main occupations are farming and mining. The population, as estimated by the Registrar-General was 14,920 in 1945 as in 1944, compared to 15,310 in 1943, and 15,770 in 1942.

VITAL STATISTICS FOR 1945

Live-Births	M.	F.	Total
Legitimate	134	101	235
Illegitimate	10	7	17
	144	108	252

Birth-rate per 1,000 of the population—16.88

Still-Births	M.	F.	Total
Legitimate	4	3	7
Illegitimate	—	2	2
	4	5	9

Rate per 1,000 total Births—35.3

Deaths (All ages)	M.	F.	Total
	85	94	179

Death rate per 1,000 of the population—11.9

Deaths of Infants (under 1 year)	M.	F.	Total
	5	6	11

Death Rate per 1,000 Live Births—43.6

TUBERCULOSIS—NEW CASES

Age Periods	NEW CASES				Total	DEATHS				Total
	Pulmonary		Non-Pulmonary			Pulmonary		Non-Pulmonary		
	M.	F.	M.	F.		M.	F.	M.	F.	
Under 1										
1 to 5	...		...	1	1	...		...		
5 ,, 15	2	...	...	1	3	...		...		
15 ,, 25	1	... 1	...		2	...		1 ...		1
25 ,, 45	...	1	...		1	...	1	...		
45 ,, 65	1	...	...		1	2 ...		...		
Over 65	...		...			...		...		
TOTAL ...	4	... 2	...	2	8	2 ...	1	1 ...		1

The incidence of Infectious Diseases in the district is as follows :

January— Influenza
February— Measles, Whooping Cough, Influenza
March— Whooping Cough, Measles, Influenza
April— Measles, Mumps, Scabies
May— Measles, Scarlet Fever
June— Chickenpox, Mumps
July— Chickenpox, Scarlet Fever
September— Scarlet Fever, Chickenpox, Whooping Cough
October— Scarlet Fever, Whooping Cough
November— Scarlet Fever
December— Influenza, Chickenpox

DIPHTHERIA IMMUNISATION

Percentage of Children Immunised at 31st December, 1945

Age Group	0— 4	—	52.2%
,,	5—14	—	67.3%

Table of Infant Deaths TABLE I.

CAUSE OF DEATH	Total under 1 Year	Under 1 Week	1-2 Weeks	2-3 Weeks	3-4 Weeks	1-3 Months	3-6 Months	6-9 Months	9-12 Months
Convulsions									
Pneumonia	3					1	2		
Diarrhoea	1						1		
Atelectasis									
Congenital Malformations ...	1	1							
Premature Birth	2	2							
Other Causes	4	4							
Totals ...	11	7				1	3		

Table II—Leek Rural District

CAUSE OF DEATH	All ages	Under 1	1 and under 2	2 and under 5	5 and under 15	15 and under 25	25 and under 45	45 and under 65	65 and upwards
1	2	3	4	5	6	7	8	9	10
Pulmonary Tuberculosis ...	3						1	2	
Non-Pulmonary Tuberculosis	1					1			
Influenza	2								2
Cancer of Oesophagus or Uterus	2							2	
Cancer of Stomach or Duodenum	6							2	4
Cancer of Breast	2							2	
Cancer of all other Sites ...	18						1	3	14
Diabetes	3							1	2
Intra cranial Vascular lesions	29	1						6	22
Heart Disease	61						2	8	51
Other Diseases of Circulatory System	1							1	
Bronchitis	3								3
Pneumonia	9	3						5	1
Other Respiratory Diseases ...	1							1	
Diarrhoea (under 2 years) ...									
Appendicitis	1								1
Other Digestive Diseases ...									
Nephritis	5							1	4
Puerperal Sepsis	1						1		
Other Maternal Causes ...	1					1			
Premature Birth	2	2							
Congenital Malformation and Disease	3	3							
Suicide									
Road Traffic Accidents ...									
Other Violent Causes	6						1	2	3
All Other Causes	19	2					2	3	12
Totals ...	179	11				2	8	39	119

Table III

Causes of Death in Leek Rural District, 1945

Causes of Death	Males	Females
ALL CAUSES	85	94
Typhoid and Paratyphoid Fevers ...		1
Cerebro-Spinal Fever		
Scarlet Fever		
Whooping Cough		
Diphtheria		
Tuberculosis of respiratory system	2	1
Other forms of Tuberculosis	1	
Syphilitic Diseases	1	
Influenza	2	
Measles		
Acute Poliomyelitis and Polioencephalitis ...	1	
Acute Infencephalitis		
Cancer of buc. cav. and oesoph, uterus	1	1
Cancer of Stomach and Duodenum	2	4
Cancer of Breast		3
Cancer of all other sites	11	7
Diabetes	1	1
Intra-cranial vascular lesions	11	12
Heart Disease	32	36
Other diseases of circulatory system	1	2
Bronchitis	1	2
Pneumonia	2	
Other Respiratory Diseases	3	
Ulcer of the Stomach or Duodenum	1	
Diarrhoea (under 2 years)		
Appendicitis		1
Other digestive diseases	1	3
Nephritis	1	3
Puerperal and post-abort. Sepsis		1
Other maternal causes		
Premature Birth		1
Congenital malformation birth inj. infant. dis. ...	1	5
Suicide		
Road traffic accident		
Other violence causes	3	1
All other causes	6	9

TABLE IV.

Birth-rates, Civilian Death-rates, Analysis of Mortality, Maternal Mortality and Case rates for certain Infectious diseases in the Year 1945

England and Wales, London, 126 Great Towns and 148 Smaller Towns

(Provisional figures based on Weekly and Quarterly Returns)

	England and Wales	126 C.Bs. and Great Towns including London	148 Smaller Towns Resident Pop. 25,000—50,000 at 1931 Census	London Adm. County
	*Rates per 1,000 Civilian Population :—			
Births :—				
Live	16.1‡	19.1	19.2	15.7
Still	0.46‡	0.58	0.53	0.40
Deaths :—				
All Causes ...	11.4‡	13.5	12.3	13.8
Typhoid and Paratyphoid ...	0.00	0.00	0.00	0.00
Scarlet Fever ...	0.00	0.00	0.00	0.00
Whooping Cough...	0.02	0.02	0.01	0.02
Diphtheria ...	0.02	0.02	0.02	0.01
Influenza	0.08	0.07	0.07	0.07
Smallpox	—	—	—	—
Measles	0.02	0.02	0.02	0.01
	Rates per 1,000 Live Births			
Deaths under 1 year of age	46†	54	43	53
Deaths from Diarrhoea and Enteritis under 2 years of age ...	5.6	7.8	4.5	7.6

* A Dash (—) signifies that there were no deaths.

† Per 1,000 related births.

‡ Rates per 1,000 Total population.

TABLE IV. Continued

	England and Wales	126 C.Bs. and Great Towns including London	148 Smaller Towns Resident Pop. 25,000 50,000 at 1931 Census	London Adm. County
	Rates per 1,000 Civilian Population :			
Notifications				
Typhoid fever	0.01	0.01	0.01	0.01
Paratyphoid fever	0.01	0.00	0.01	0.00
Cerebro Spinal Fever	0.05	0.05	0.05	0.06
Scarlet Fever	1.89	2.02	2.03	1.57
Whooping Cough	1.64	1.65	1.47	1.25
Diphtheria	0.46	0.52	0.56	0.31
Erysipelas	0.25	0.28	0.24	0.31
Smallpox	0.00	0.00		0.00
Measles	11.67	10.89	11.19	9.03
Pneumonia	0.87	1.03	0.72	0.78
Rates per 1,000 Total Births (Live and Still) :-				
(a) Notifications :-				
Puerperal Fever	9.93	12.65	8.81	3.60
Puerperal Pyrexia				‡15.87

(b) Maternal Mortality- England and Wales :-

No. 140 Abortion with Sepsis	No. 141 Abortion without Sepsis	No. 147 Puerperal Infections	Nos. 142-6 148-150 Other
0.25	0.08	0.24	1.22

Abortion : Mortality per million women aged 15—45 (England and Wales) :-

No. 140 With Sepsis	No. 141 Without Sepsis
18	6

‡ Including Puerperal Fever.

Leek Rural District Council

Sanitary Inspector's Inspections for 1945

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total Inspections
Milk & Dairies Orders	31	32	37	16	29	26	22	21	17	20	35	20	306
Drainage	23	19	29	22	29	19	21	19	20	20	30	12	263
Infectious Diseases ...	—	—	—	5	6	2	2	2	—	—	4	4	25
Water Supplies ...	18	12	3	14	13	1	—	5	4	10	12	16	108
Complaints	3	5	1	6	4	2	2	1	4	2	2	3	35
Notices Served ...	2	3	—	6	3	2	—	1	3	1	1	3	25
Refuse & Privy ...	3	28	34	29	18	30	14	12	27	15	18	27	255
Food Shops	—	—	—	—	—	—	—	6	—	—	17	—	23
Rats & Mice	—	—	9	—	42	—	—	—	6	—	21	3	81
Miscellaneous ...	29	24	16	18	12	29	19	17	4	11	28	22	229

F. HEMINGWAY, Sanitary Inspector.